

# Converting Colors

$Yxy(56.8186, 0.4055, 0.3934)$

Have a look what the booklet for  
Yxy(56.8186, 0.4055, 0.3934)  
contains.

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# Color

**Yxy(56.7077, 0.4057, 0.3933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1BD82
RGB	241, 189, 130
RGB Percent	95%, 74%, 51%
CMY	0.0550, 0.2588, 0.4902
CMYK	0.00, 0.22, 0.46, 0.06
HSL	32°, 80%, 73%
HSV	32°, 46%, 94%
XYZ	58.4956, 56.7077, 28.9811
YIQ	197.8220, 49.9310, -7.3250

# Conversions

## Conversions Part 2

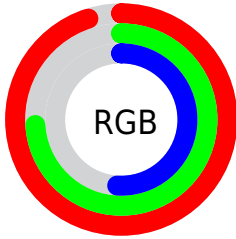
Format	Color
R <sub>Y</sub> B	228, 241, 130
Decimal	15842690
CIE Lab	80.01, 11.45, 36.89
CIE LCh	80, 38.626, 72.764
Yxy	56.7077, 0.4057, 0.3933
Android (android.graphics.Color)	4294032770 (0xFFFF1BD82)
YUV	197.8220, -33.4362, 37.8671
Hunter-Lab	75.3045, 6.8736, 29.8953

# Details

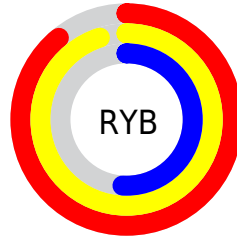
The Yxy color **56.7077, 0.4057, 0.3933** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5327, 0.2376, 0.2531**, and the grayscale version is **56.5429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0255, 0.3574, 0.3898**, and **28.2548, 0.4284, 0.4065** is the 20% darker color. If you saturate the color by 10%, you get **51.4702, 0.4314, 0.4057**, and if you desaturate by 10%, it is **62.4797, 0.3815, 0.3794**.

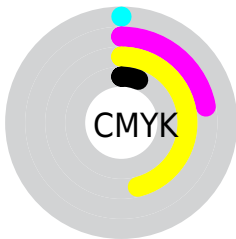
# Distribution



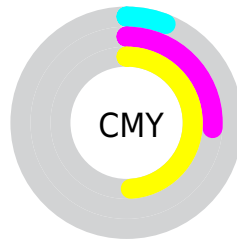
- Red (95%)
- Green (74%)
- Blue (51%)



- Red (89%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (46%)
- Black (6%)




- Cyan (6%)
- Magenta (26%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7077, 0.4057, 0.3933 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 56.7077, 0.4057, 0.3933 by changing the saturation by 10% instead.





 56.7077, 0.4057,  
0.3933

 56.7077, 0.4057,  
0.3933


412.3531, 0.3611,  
0.3641


 40.7706, 0.4160,  
0.3995


 100.0386, 0.3901,  
0.3835

 28.1399, 0.4287,  
0.4069


 128.2011, 0.3840,  
0.3795

 18.4311, 0.4447,  
0.4156


 161.2076, 0.3788,  
0.3761

 11.2600, 0.4649,  
0.4257

199.4425, 0.3743,  
0.3731

 6.2420, 0.4908,  
0.4364

243.2900, 0.3704,  
0.3705

 2.9928, 0.5406,  
0.4594

293.1347, 0.3669,

 1.1280, 0.5599,

0.3681

0.4401

349.3610, 0.3639,  
0.3660

0.0017, 0.9942,  
0.0058

0.0000, 0.0000,  
0.0000

56.7077, 0.4057,  
0.3933

56.7077, 0.4057,  
0.3933

51.4702, 0.4314,  
0.4057

62.4797, 0.3815,  
0.3794

46.7399, 0.4578,  
0.4155

68.7960, 0.3595,  
0.3650


42.4984, 0.4835,  
0.4213


75.6764, 0.3397,  
0.3507

38.7224, 0.5070,  
0.4221

83.1366, 0.3223,  
0.3369

 35.3848, 0.5266,  
0.4173

 91.1921, 0.3069,  
0.3240

 34.1745, 0.5337,  
0.4145

 97.4360, 0.3041,  
0.3290

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.7077, 0.4129, 0.3561



56.7077, 0.4057, 0.3933



56.7077, 0.3729, 0.4176

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.7077, 0.4057, 0.3933



56.7077, 0.2395, 0.3356



56.7077, 0.2936, 0.2569

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.7077, 0.4057, 0.3933



44.5327, 0.2376, 0.2531

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.7077, 0.2511, 0.2485



56.7077, 0.4057, 0.3933



56.7077, 0.2220, 0.2889

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7077, 0.4057, 0.3933



56.7077, 0.2766, 0.3851



56.7077, 0.2261, 0.2587



56.7077, 0.3451, 0.2810



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7077, 0.4057, 0.3933



56.7077, 0.3420, 0.4203



56.7077, 0.2261, 0.2587



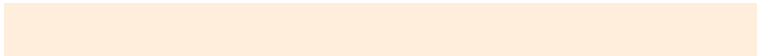
56.7077, 0.2779, 0.2522

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.7104, 0.4057, 0.3933



87.7060, 0.3360, 0.3479



38.1067, 0.3757, 0.2709



18.3923, 0.3400, 0.3509



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7104, 0.4057, 0.3933



59.0327, 0.4291, 0.4047



82.8784, 0.3796, 0.4423



17.1508, 0.3280, 0.3416



18.8095, 0.5313, 0.4163



1.7639, 0.5126, 0.4312

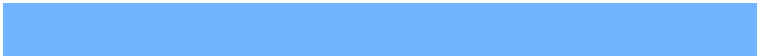


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.5327, 0.2376, 0.2531



43.6572, 0.2231, 0.2347



27.2079, 0.2265, 0.1848



16.4489, 0.2980, 0.3161



10.0928, 0.1743, 0.1474



1.0371, 0.1812, 0.1721



# Previews

## White Background



This preview shows how the Yxy color 56.7077, 0.4057, 0.3933 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.7077, 0.4057, 0.3933 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.7077, 0.4057, 0.3933**

## Background



This preview shows how black text looks on a background with the Yxy color 56.7077, 0.4057, 0.3933.



This preview shows how white text looks on a background with the Yxy color 56.7077, 0.4057, 0.3933.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

56.7077, 0.4057, 0.3933

### Protanopia

57.0152, 0.3753, 0.4057

### Deuteranopia

56.7893, 0.4035, 0.3948



## Tritanopia

56.7620, 0.3583, 0.3142

# Trichromacy



**Original Color**

56.7077, 0.4057, 0.3933

**Protanomaly**

56.5710, 0.3856, 0.4004

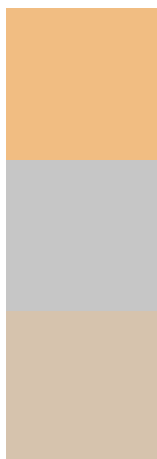
**Deuteranomaly**

56.9639, 0.4043, 0.3945

**Tritanomaly**

56.6337, 0.3767, 0.3433

# Monochromacy



**Original Color**

56.7077, 0.4057, 0.3933

**Achromatopsia**

56.4712, 0.3127, 0.3290

**Achromatomaly**

56.3435, 0.3453, 0.3551

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.7077, 0.4057, 0.3933 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 189, 130)` looks like.

```
.text, #text, p{  
    color:rgb(241, 189, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 189, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 189, 130) }
```

## Border

The CSS property to change the border of an element to Yxy 56.7077, 0.4057, 0.3933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 189, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 189, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 189, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 189, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 189, 130);  
box-shadow:4px 4px 4px 4px rgb(241, 189,  
130) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.7077, 0.4057, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 189, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
189, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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